

Peptide sequences used for immunization experiments.

GnRH peptides:

- GnRH peptides:
- A: /EHWSYGLRPGQHWSYGLRPGC (palm)-NH₂ (thioester) (SEQ. I.D. NO. 1)
- B: /EHWSYGLRPGQHWSYGLRPGK (palm)-NH₂ (amide) (SEQ. I.D. NO. 1)
- /E= pyroglutamic acid

CPV peptides:

- CPV peptides:
- C: ac-CysSDGAVQPDGGQPAVRNERATG-NH₂ (SEQ. I. D. NO. 2)
(disulfide)
- D: palm-CysSDGAVQPDGGQPAVRNERATG-NH₂ (amide) (SEQ. I. D. NO. 2)
- E: ac-Cys (palm) SDGAVQPDGGQPAVRNERATG-NH₂ (thioester) (SEQ. I. D. NO. 2)
- F: ac-Cys (MBS-KLH) SDGAVQPDGGQPAVRNERATG-NH₂
(conjugated) (SEQ. I. D. NO. 2)
- G: ac-Cys (CH₂-C₀-NH₂) SDGAVQPDGGQPAVRNERATG-NH
(blocked) (SEQ. I. D. NO. 2)

FIV peptides:

- FIV peptides:
- H: ac-Cys (palm) RAISSWKQNRNRWWRPD-NH₂ (thioester) (SEQ. I. D. NO. 3)
- I: ac-Cys (CT) RAISSWKQNRNRWWRPD-NH₂ (conjugated) (SEQ. I. D. NO. 3)

SEQUENCE LISTING



<110> BEEKMAN, Nico Johannes Christiaan Maria
SCHAAPER, Wilhemus Martinus Maria
DALSGAARD, Kristian
MELOEN, Robert Hans

<120> VACCINE COMPRISING ANTIGENS BOUND TO CARRIERS THROUGH
LABILE BONDS

<130> 2183-3898US

<140> PCT/NL97/00354

<141> 1997-06-24

Sub C2
<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> PRT

<213> Unknown Organism

<220>

<223> Initial Xaa is pyroglutamic acid. Terminal Xaa
can be Cys with a thioester bond to palmitic
acid, or lysine bound to palmitic acid as an
amide.

<220>

<223> Description of Unknown Organism: Organism unknown,
construct based on GnRH.

<400> 1

Xaa His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Gly Leu
1 5 10 15

Arg Pro Gly Xaa
20

<210> 2

<211> 22

<212> PRT

<213> Canine Parvovirus

<220>

<223> Xaa is Cys which may be acetylated, palmitoylated, conjugated to another peptide chain via a disulfide bond, is absent, or any combination thereof.

<220>

<223> Xaa is Cys which may be acetylated, palmitoylated, conjugated to another peptide chain via a disulfide bridge, is absent, or any combination thereof.

<400> 2

Xaa Ser Asp Gly Ala Val Gln Pro Asp Gly Gly Gln Pro Ala Val Arg
1 5 10 15

Asn Glu Arg Ala Thr Gly
20

<210> 3

<211> 18

<212> PRT

<213> Feline Immunodeficiency Virus

<220>

<223> Xaa is Cys that is (alone or in combination) acetylated, bound to palmitic acid via a thioester bond, conjugated or can be absent.

<400> 3

Xaa Arg Ala Ile Ser Ser Trp Lys Gln Arg Asn Arg Trp Glu Trp Arg
1 5 10 15

Pro Asp

<210> 4

<211> 13

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Model Peptide

<220>

<223> Initial Cys is bound to palmitic acid via a
thioester bond.

<400> 4

Cys Ser Glu Ile Phe Arg Pro Gly Gly Gly Asp Met Arg
1 5 10

<210> 5

<211> 10

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Model Peptide

<220>

<223> Initial Cys is bound to palmitic acid via a
thioester bond.

<400> 5

Cys Val Ala Thr Gln Leu Pro Ala Ser Phe
1 5 10

<210> 6

<211> 22

<212> PRT

<213> canine parvovirus

<400> 6

Cys Ser Asp Gly Ala Val Gln Pro Asp Gly Gly Gln Pro Ala Val Arg
1 5 10 15

Asn Glu Arg Thr Ala Gly
20

Sub
Cys